Bruhat Bengaluru Mahanagara Palike

Project Division

Part Bill

Name of Agency :-Sri R Ramshankar Reddy

Name of work :- **Package-10.1. Construction of anganawadi building at kogilu in ward no05 bytarayanapura sub division, Improvements of roads and drains at Ward No.05 to Ward No.06 and 07 connecting roads in Ward No.05 Bytarayanapura Sub Division. 3.Improvements to Roads and Drains at Telecom Layout Cross Roads in Ward No 05 Bytarayanapura Sub division, 4.Improvements to Roads and Drains at Shivaramakaranthanagara 1st stage cross roads in Ward No.05 Bytarayanapura Sub division.**

SNo	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	CSRDB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)									
	Measurements recorded on 10/04/2018, 19/04/2018.									
	Telecom Layout									
	8th cross									
0.00	15.00		1.00	15.00	5.80	5.65	5.73		85.88	
15.00	30.00		1.00	15.00	5.65	5.70	5.68		85.13	
30.00	45.00		1.00	15.00	5.70	5.70	5.70		85.50	
45.00	60.00		1.00	15.00	5.70	5.65	5.68		85.13	
60.00	75.00		1.00	15.00	5.65	5.75	5.70		85.50	
75.00	90.00		1.00	15.00	5.75	5.80	5.78		86.63	
90.00	105.00		1.00	15.00	5.80	5.85	5.83		87.38	
105.00	120.00		1.00	15.00	5.85	5.85	5.85		87.75	
120.00	135.00		1.00	15.00	5.85	5.90	5.88		88.13	
135.00	150.00		1.00	15.00	5.90	6.55	6.23		93.38	
150.00	161.00		1.00	11.00	6.55	7.15	6.85		75.35	
	9th cross									
0.00	10.00		1.00	10.00	5.90	5.65	5.78		57.75	
10.00	25.00		1.00	15.00	5.65	5.50	5.58		83.63	
25.00	40.00		1.00	15.00	5.50	5.70	5.60		84.00	
40.00	55.00		1.00	15.00	5.70	4.85	5.28		79.13	
55.00	70.00		1.00	15.00	4.85	5.20	5.03		75.38	
70.00	85.00		1.00	15.00	5.20	5.00	5.10		76.50	
85.00	100.00		1.00	15.00	5.00	5.60	5.30		79.50	
100.00	115.00		1.00	15.00	5.60	4.90	5.25		78.75	
115.00	130.00		1.00	15.00	4.90	5.20	5.05		75.75	
130.00	145.00		1.00	15.00	5.20	5.55	5.38		80.63	
145.00	160.50		1.00	15.50	5.55	6.60	6.08		94.16	
	10th cross									
0.00	15.00		1.00	15.00	5.65	5.65	5.65		84.75	
15.00	30.00		1.00	15.00	5.65	5.75	5.70		85.50	
30.00	45.00		1.00	15.00	5.75	5.75	5.75		86.25	
45.00	60.00		1.00	15.00	5.75	5.70	5.73		85.88	
60.00	75.00		1.00	15.00	5.70	5.40	5.55		83.25	

Contractor

Assistant Engineer

Assistant Executive Engineer

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
9	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)									
Measurements recorded on	27/04/18 & 28/04/18									
	Telecom Layout									
	8th cross									
	0.00	15.00		1.00	15.00	5.80	5.65	5.73	0.04	3.44
	15.00	30.00		1.00	15.00	5.65	5.70	5.68	0.04	3.41
	30.00	45.00		1.00	15.00	5.70	5.70	5.70	0.04	3.42
	45.00	60.00		1.00	15.00	5.70	5.65	5.68	0.04	3.41
	60.00	75.00		1.00	15.00	5.65	5.75	5.70	0.04	3.42
	75.00	90.00		1.00	15.00	5.75	5.80	5.78	0.04	3.47
	90.00	105.00		1.00	15.00	5.80	5.85	5.83	0.04	3.50
	105.00	120.00		1.00	15.00	5.85	5.85	5.85	0.04	3.51
	120.00	135.00	28/4	1.00	15.00	5.85	5.90	5.88	0.04	3.53
	135.00	150.00		1.00	15.00	5.90	6.55	6.23	0.04	3.74
	150.00	161.00		1.00	11.00	6.55	7.15	6.85	0.04	3.01
	9th cross									
	0.00	10.00		1.00	10.00	5.90	5.65	5.78	0.04	2.31
	10.00	25.00		1.00	15.00	5.65	5.50	5.58	0.04	3.35
	25.00	40.00		1.00	15.00	5.50	5.70	5.60	0.04	3.36
	40.00	55.00		1.00	15.00	5.70	4.85	5.28	0.04	3.17
	55.00	70.00		1.00	15.00	4.85	5.20	5.03	0.04	3.02
	70.00	85.00		1.00	15.00	5.20	5.00	5.10	0.04	3.06
	85.00	100.00		1.00	15.00	5.00	5.60	5.30	0.04	3.18
	100.00	115.00	28/4	1.00	15.00	5.60	4.90	5.25	0.04	3.15
	115.00	130.00		1.00	15.00	4.90	5.20	5.05	0.04	3.03
	130.00	145.00		1.00	15.00	5.20	5.55	5.38	0.04	3.23
	145.00	160.50		1.00	15.50	5.55	6.60	6.08	0.04	3.77
	10th cross									
	0.00	15.00		1.00	15.00	5.65	5.65	5.65	0.04	3.39
	15.00	30.00		1.00	15.00	5.65	5.75	5.70	0.04	3.42
	30.00	45.00		1.00	15.00	5.75	5.75	5.75	0.04	3.45
	45.00	60.00		1.00	15.00	5.75	5.70	5.73	0.04	3.44
	60.00	75.00		1.00	15.00	5.70	5.40	5.55	0.04	3.33
	75.00	90.00		1.00	15.00	5.40	5.80	5.60	0.04	3.36
	90.00	105.00		1.00	15.00	5.80	5.80	5.80	0.04	3.48
	105.00	120.00	28/4	1.00	15.00	5.80	4.90	5.35	0.04	3.21
	120.00	135.00		1.00	15.00	4.90	5.65	5.28	0.04	3.17
	135.00	150.00		1.00	15.00	5.65	5.50	5.58	0.04	3.35
	150.00	162.90		1.00	12.90	5.50	6.05	5.78	0.04	2.98

Contractor

Assistant Engineer

Assistant Executive Engineer

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	12th cross										
	0.00	15.00		1.00	15.00	6.70	5.80	6.25	0.04	3.75	
	15.00	30.00		1.00	15.00	5.80	5.50	5.65	0.04	3.39	
	30.00	45.00		1.00	15.00	5.50	5.60	5.55	0.04	3.33	
	45.00	60.00		1.00	15.00	5.60	5.55	5.58	0.04	3.35	
	60.00	75.00		1.00	15.00	5.55	5.50	5.53	0.04	3.32	
	75.00	90.00		1.00	15.00	5.50	5.60	5.55	0.04	3.33	
	90.00	105.00		1.00	15.00	5.60	4.95	5.28	0.04	3.17	
	105.00	120.00		1.00	15.00	4.95	5.15	5.05	0.04	3.03	
	120.00	136.50		1.00	16.50	5.15	5.80	5.48	0.04	3.61	
	13th cross										
	0.00	9.00		1.00	9.00	6.00	5.90	5.95	0.04	2.14	
	9.00	24.00		1.00	15.00	5.90	5.65	5.78	0.04	3.47	
	24.00	39.00		1.00	15.00	5.65	5.70	5.68	0.04	3.41	
	39.00	54.00		1.00	15.00	5.70	5.65	5.68	0.04	3.41	
	54.00	69.00		1.00	15.00	5.65	5.60	5.63	0.04	3.38	
	69.00	84.00		1.00	15.00	5.60	5.00	5.30	0.04	3.18	
	84.00	99.00		1.00	15.00	5.00	4.80	4.90	0.04	2.94	
	99.00	114.00		1.00	15.00	4.80	5.70	5.25	0.04	3.15	
	114.00	129.00		1.00	15.00	5.70	5.60	5.65	0.04	3.39	
	129.00	144.00		1.00	15.00	5.60	5.60	5.60	0.04	3.36	
	14th cross										
	0.00	15.00		1.00	15.00	5.00	4.60	4.80	0.04	2.88	
	15.00	30.00		1.00	15.00	4.60	5.40	5.00	0.04	3.00	
	30.00	45.00		1.00	15.00	5.40	5.60	5.50	0.04	3.30	
	45.00	60.00		1.00	15.00	5.60	5.55	5.58	0.04	3.35	
	60.00	75.00		1.00	15.00	5.55	5.50	5.53	0.04	3.32	
	75.00	90.00		1.00	15.00	5.50	5.60	5.55	0.04	3.33	
	90.00	105.00		1.00	15.00	5.60	5.55	5.58	0.04	3.35	
	105.00	120.00		1.00	15.00	5.55	5.50	5.53	0.04	3.32	
	120.00	135.00		1.00	15.00	5.50	5.30	5.40	0.04	3.24	
	135.00	150.00		1.00	15.00	5.30	5.70	5.50	0.04	3.30	
	150.00	165.00		1.00	15.00	5.70	5.45	5.58	0.04	3.35	
	165.00	173.80		1.00	8.80	5.45	7.30	6.38	0.04	2.24	
	Connecting Road 13th cross to 16 th cross road										
	0.00	15.00		1.00	15.00	10.00	9.60	9.80	0.04	5.88	
	15.00	30.00		1.00	15.00	9.60	9.65	9.63	0.04	5.78	
	30.00	45.00		1.00	15.00	9.65	7.55	8.60	0.04	5.16	
	45.00	60.00		1.00	15.00	7.55	7.55	7.55	0.04	4.53	
	60.00	75.00		1.00	15.00	7.55	7.50	7.53	0.04	4.52	
	75.00	90.00		1.00	15.00	7.50	9.50	8.50	0.04	5.10	
	90.00	105.00		1.00	15.00	9.50	9.10	9.30	0.04	5.58	
	105.00	120.00		1.00	15.00	9.10	9.50	9.30	0.04	5.58	

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	120.00	135.00		1.00	15.00	9.50	9.60	9.55	0.04	5.73	
	135.00	150.00		1.00	15.00	9.60	9.30	9.45	0.04	5.67	
	150.00	165.00		1.00	15.00	9.30	9.30	9.30	0.04	5.58	
	165.00	173.80		1.00	8.80	9.30	8.20	8.75	0.04	3.08	
							Total Quantity			271.22	Cum

Checked.
Dt: 28/4

Contractor

Assistant Engineer

Assistant Executive Engineer

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	382.00	398.50	R/S	1	16.50			0.90	0.15	2.23	
	405.50	424.80	R/S	1	19.30			0.90	0.15	2.61	
	430.10	448.80	R/S	1	18.70			0.90	0.15	2.52	
	454.00	472.00	R/S	1	18.00			0.90	0.15	2.43	
	478.00	497.00	R/S	1	19.00			0.90	0.15	2.57	
	502.00	521.20	R/S	1	19.20			0.90	0.15	2.59	
	525.80	545.20	R/S	1	19.40			0.90	0.15	2.62	
	550.00	569.00	R/S	1	19.00			0.90	0.15	2.57	
	573.80	592.00	R/S	1	18.20			0.90	0.15	2.46	
	2nd Main Road										
	RHS										
	0.00	30.00	R/S	1	30.00			0.90	0.15	4.05	
	30.00	60.00	R/S	1	30.00			0.90	0.15	4.05	
	60.00	72.00	R/S	1	12.00			0.90	0.15	1.62	
	1st Cross Road										
	0.00	30.00	L/S	1	30.00			0.90	0.15	4.05	
	30.00	60.00	L/S	1	30.00			0.90	0.15	4.05	
	60.00	93.50	L/S	1	33.50			0.90	0.15	4.52	
	2nd Cross Road										
	0.00	30.00	L/S	1	30.00			0.90	0.15	4.05	
	30.00	60.00	L/S	1	30.00			0.90	0.15	4.05	
	60.00	77.50	L/S	1	17.50			0.90	0.15	2.36	
	3rd Cross Road										
	0.00	30.00	R/S	1	30.00			0.90	0.15	4.05	
	30.00	60.00	R/S	1	30.00			0.90	0.15	4.05	
	60.00	86.00	R/S	1	26.00			0.90	0.15	3.51	
	Culvert										
	RHS										
	9th cross Road		R/S	1	9.00			1.30	0.25	2.93	
	16th cross Road		R/S	1	4.60			1.30	0.25	1.50	
	17th cross Road		R/S	1	4.80			1.30	0.25	1.56	
	SIDE WALL										
	New Shanthinagar,1st Main										
	New Drain										
	LHS										
	0.00	22.00	L/S	2	22.00			0.15	0.70	4.62	
	22.00	52.00	L/S	2	30.00			0.15	0.71	6.39	
	52.00	82.00	L/S	2	30.00			0.15	0.69	6.21	
	82.00	112.00	L/S	2	30.00			0.15	0.71	6.39	
	112.00	142.00	L/S	2	30.00			0.15	0.78	7.02	
	142.00	172.00	L/S	2	30.00			0.15	0.74	6.66	
	172.00	202.00	L/S	2	30.00			0.15	0.76	6.84	
	202.00	232.00	L/S	2	30.00			0.15	0.77	6.93	
	232.00	262.00	L/S	2	30.00			0.15	0.73	6.57	
	262.00	292.00	L/S	2	30.00			0.15	0.72	6.48	
	292.00	322.00	L/S	2	30.00			0.15	0.75	6.75	
	322.00	352.00	L/S	2	30.00			0.15	0.76	6.84	
	352.00	382.00	L/S	2	30.00			0.15	0.69	6.21	
	382.00	412.00	L/S	2	30.00			0.15	0.75	6.75	
	412.00	442.00	L/S	2	30.00			0.15	0.73	6.57	

CONSULTANTS

Contractor

31/12

Assistant Engineer

Assistant Executive Engineer

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	442.00	472.00	L/S	2	30.00			0.15	0.69	6.21	
	472.00	483.00	L/S	2	11.00			0.15	0.70	2.31	
	483.00	491.00	L/S	0	8.00			0.15	0.73	0.00	**Culvert**
	491.00	521.00	L/S	2	30.00			0.15	0.72	6.48	
	521.00	551.00	L/S	2	30.00			0.15	0.71	6.39	
	551.00	565.00	L/S	2	14.00			0.15	0.71	2.98	
	565.00	582.20	L/S	2	17.20			0.15	0.61	3.15	
	RHS										
	0.00	22.00	R/S	2	22.00			0.15	0.60	3.96	
	22.00	28.00	R/S	2	6.00			0.15	0.60	1.08	
	36.00	52.00	R/S	2	16.00			0.15	0.60	2.88	
	52.00	68.00	R/S	2	16.00			0.15	0.60	2.88	
	77.00	82.00	R/S	2	5.00			0.15	0.60	0.90	
	82.00	108.00	R/S	2	26.00			0.15	0.60	4.68	
	115.60	146.40	R/S	2	30.80			0.15	0.65	6.01	
	154.80	186.40	R/S	2	31.60			0.15	0.89	8.44	

Checked.

31/12/18

Contractor

Assistant Engineer

Assistant Executive Engineer